

Appendix A: Table 3. Route Summary Table
Dane County Electric Reliability Initiative - North Madison to Huismap 138-kV Project
Dane County, Wisconsin

ROUTE	TOTAL LENGTH	EXISTING ROW	ADD'L ROW	CORRIDOR SHARING ¹	# RESIDENCES ²						FOREST	WETLANDS	AGRICULTURE	UPLANDS ³	# BUSINESS/OFFICE/INDUSTRY						# FARMING OPERATION					COMM / INDUS. ZONING	RESIDENTIAL ZONING	
	MILES	AREA (AC)	AREA (AC)	%	Total	Distance from segment centerline (ft)					AREA (AC)	AREA (AC)	AREA (AC)	AREA (AC)	Total	Distance from segment centerline (ft)					Total	Distance from segment centerline (ft)					LENGTH (MILE) ⁴	LENGTH (MILE) ⁴
						0 - 25'	26' - 50'	51' - 100'	101' - 150'	151' - 300'						0 - 25'	26' - 50'	51' - 100'	101' - 150'	151' - 300'		0 - 25'	26' - 50'	51' - 100'	101' - 150'	151' - 300'		
PREFERRED ROUTE																												
Segments 1, 56, 47, 49, 58, 9, 14, 26, 32 61, 35, 36	8.6	7.8	40.4	98%	30-A, 24-U	2-U	1-A, 1-U	5-A, 2-U	8-A, 7-U	16-A, 12-U	0.65	1.76	42.01	14.80	10	0	0	3	2	5	34	2	1	0	7	24	2.47	1.07
ALTERNATE ROUTE																												
Segments 2a, 2b, 3, 43a, 45, 8b, 13, 24, 27, 31, 34, 36	8.7	20.3	36.2	98%	28-A, 7-U	0	0	3-A, 3-U	5-A	20-A, 4-U	1.33	7.91	37.33	20.16	28	2	3	6	4	13	25	0	1	2	3	19	2.12	0.17

¹ Percent corridor sharing is based on corridor length.
² Residence descriptors: A = single family home, B = duplex, C = apartment w/4 units, D = apartment w/8 units, E = apartment w/>8 units, F = mobile home, G = school, H = day-care center, U = uninhabitable (i.e., garages, sheds, other non-farm or non-commercial structures)
³ Fallow field only. Other non-habitat uplands (commercial/industrial, residential, roads, and railways) total 25.18 acres for the preferred route and 20.27 acres for the alternate route
⁴ Extent of Residential and Commercial/Industrial areas based on current Dane County zoning information